



INFORMATION CITED BY APPLICANT THAT MAY BE MATERIAL
TO THE PROSECUTION OF THE SUBJECT APPLICATION

Applicant: D.A. Burke

Attorney Docket No. WEEI121484

Application No.: 10/625,198

Filed: July 22, 2003

Title: NITROGEN RECOVERY SYSTEM AND METHOD

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
<u>FP</u>	U1	3,642,618		02/15/1972	Silva
<u>FP</u>	U2	4,267,050		05/12/1981	Conway et al.
<u>FP</u>	U3	4,790,944		12/13/1988	Gordon et al.
<u>FP</u>	U4	4,894,162		01/16/1990	Cournoyer et al.
<u>FP</u>	U5	4,900,452		02/13/1990	Angles et al.
<u>FP</u>	U6	4,959,084		09/25/1990	Wolverton et al.
<u>FP</u>	U7	5,015,384		05/14/1991	Burke
<u>FP</u>	U8	5,053,140		10/01/1991	Hurst
<u>FP</u>	U9	5,310,485		05/10/1994	Roshanravan
<u>FP</u>	U10	5,397,461		03/14/1995	Augustin
<u>FP</u>	U11	5,670,047		09/23/1997	Burke
<u>FP</u>	U12	B1 5,670,047		09/07/1999	Burke
<u>FP</u>	U13	5,702,612		12/30/1997	Wang
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<u>FP</u>	U15	5,891,711		04/06/1999	Carter
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<u>FP</u>	U17	6,113,786		09/05/2000	Burke
<u>FP</u>	U18	6,113,789		09/05/2000	Burke
<u>FP</u>	U19	6,309,547	B1	10/30/2001	Burke
<u>FP</u>	U20	6,500,340	B1	12/31/2002	Burke
<u>FP</u>	U21	2003/0052061	A1	03/20/2003	Burke

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FOREIGN PATENT DOCUMENTS

NONE.

OTHER INFORMATION

(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.	
<u>FP</u>	01	"Ammonia Stripping," <i>Wastewater Technology Fact Sheet</i> , U.S. Environmental Protection Agency, Washington, DC, September 2000, 4 pages.
<u>FP</u>	02	"Beginner's Guide to Nitrification/Denitrification Technologies," < http://www.envstudies.brown.edu/Thesis/2002/caton/WWTFpages/WWTFgeneral.htm > [retrieved 2003], 4 pp.
<u>FP</u>	03	"Biological Treatment of Gases (Biofilter)," n.d., < http://www.res.titech.ac.jp/~junkan/english/deodorize/ > [retrieved July 16, 2003], pp. 1-3.
<u>FP</u>	04	Burke, D.A., <i>Dairy Waste Anaerobic Digestion Handbook: Options for Recovering Beneficial Products From Dairy Manure</i> , Environmental Energy Company, Olympia, Wash., June 2001, 54 pages.
<u>FP</u>	05	Crawford, H.B., and R.J. Kepler (eds.), <i>Chemical Engineers' Handbook</i> , 5th ed., McGraw-Hill, New York, 1973, Chap. 14, "Gas Absorption," pp. 2-16.
<u>FP</u>	06	Crawford, H.B., and R.J. Kepler (eds.), <i>Chemical Engineers' Handbook</i> , 5th ed., McGraw-Hill, New York, 1973, Chap. 19, "Gravity Sedimentation Operations," pp. 44-106
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<u>FP</u>	08	Joshi, J.A., et al., "Gaseous Ammonia Removal in Biofilters: Effect of Biofilter Media on Products of Nitrification," Department of Environmental Sciences, Rutgers, State University of New Jersey, at least as early as June 1998, 11 pages.
<u>FP</u>	09	Nicolai, R.E., et al., "Biofilter Demonstration Project: Final Report," Biosystems and Agricultural Engineering Department, University of Minnesota, August 13, 1999, 9 pages.
<u>FP</u>	010	Nicolai, R.E., "Biofilter Design Information: BAEU-18," <i>Biosystems and Agricultural Engineering Department, University of Minnesota Extension Program</i> , June 1998, < http://www.bae.umn.edu/extens/aeu/baeu18.html > [retrieved December 18, 2001], 10 pages.

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- FP O11 Nicolai, R.E., et al., "Demonstration Biofilter on Dairy and Swine Facilities," *Biosystems and Agricultural Engineering Department, University of Minnesota, 2000 Annual Report*, February 27, 2001, <<http://www.bae.umn.edu/annrpt/2000/research/livestock13.html>> [retrieved December 18, 2001], 10 pages.
- FP O12 Sadowsky, M., et al., "Final Project Report - Biofilter Microbes," University of Minnesota, August 8, 1999, 15 pages.
- FP O13 Schmidt, D., et al., "Biofilters for Odor Control," University of Minnesota Extension Service, 2000, 2 pp.
- FP O14 "Waste Processing and Resource Recovery (WP&RR)," *New Jersey - NASA Specialized Center of Research and Training for Bioregenerative Life Support Monthly Report*, July 30, 1998, <<http://nj-nscort.rutgers.edu/visitor/rnews/njnscort/Njn-0798.html>> [retrieved December 18, 2001], 3 pages.
- FP O15 Yarar, B., "Flotation," *Kirk-Othmer Concise Encyclopedia of Chemical Technology*, 4th ed., John Wiley & Sons, New York, 1999, pp. 871-872.

Examiner

Date Considered

Fred Pin

9/20/04

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1st SUPPLEMENTAL INFORMATION CITED BY APPLICANT THAT MAY BE
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<u>FP</u> U1	2003/0141244	A1	07/31/2003	Hansen et al.

FOREIGN PATENT DOCUMENTS

None

OTHER INFORMATION
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None

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Date Considered

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